

EONS AGO MANHATTAN WAS NOT AN ISLAND

Then It Rose High Above the Hudson and Was Covered by Forests and Swamps.

OLD RECORDS DISCOVERED

Interesting Facts Learned About Island in Connection With Big Building.

Old records on file in the London Historical Society regarding Manhattan Island's early history show that its 22,000 acres of rock, lake and rolling tableland, rising in places to an altitude of 138 feet, were once covered with sombre forests, grassy knolls and swamps and that wild flowers wasted their sweetness among the dead leaves and scant herbage at their roots. All the avenues of approach to the island were lined with oak and sycamore trees and blackberry and raspberry bushes. The old records are silent as to the time when this description was a fact, but it must have been in some period when in no part of the world had modern progress planted subways, railroads and skyscrapers. Another part of the record says that at some indefinite and distant age the present New York harbor was a mere expansion in the course of the Hudson River, which found its exit into the Atlantic Ocean some hundred miles southward from where it debouches to-day.

Manhattan Island presented then a far higher wall on the east side of the river than it does to-day and the Jersey Palisades a loftier escarpment on the west. Governors Island was a raised promontory and was encircled by the water discharged into the Hudson River from the Housatonic, whose tides mingled with those of the Hudson along the shores of Governors and Bedloe's islands, then united to the mainland.

Further southward the opening of the channel of the Kill van Kull, the Passaic, swollen by the waters of the Hackensack, united its floods with the two rivers, and the combined volume of water swept past Staten Island to the Narrows and outward to the edge of the continent, where eighty miles from the shore the floor of the coast plain sinks to the abyssal depths of the ocean.

Manhattan Island was apparently a part of the mainland, but how many million years ago is not estimated. The recorder of this old history of Manhattan Island, however, tells us that it is a "gneissoid ridge, modified at its northern limits by limestone belt, and carrying over its surface an accumulation of sand, gravel, clay and unsorted debris, with water deposited sediments, the waste of some continental area north of it." It seems that these sediments form themselves into the gneisses, schists, marbles, and even granite through serious disturbances of the earth's crust from internal fires beneath. "In these eons ago," the record says, "these deposits were piled upward into semi-vertical sheets and were torn asunder after the usual manner of volcanic eruptions or blasting of the earth's crust when the water of the sea and the eternal fires of the earth came into close contact."

New York engineers are to-day plunging deeper into the geological structure of Manhattan than at any other time in its history and what has lain without explanation for centuries in the old London records may eventually be revealed.

One of the most modern and reliable authorities on the geological formation of Manhattan rock, William Herbert Hobbs, author of "The Configuration of the Rock Floor of Greater New York," declared that at no other time in the earth's history has there been such a focus for engineering enterprises as is now to be found within fifty or more square miles included upon Manhattan Island and its water fronts, and because of it the present is an especially favorable time to study the geological structure of Greater New York. He says that nowhere else is it so important that ob-

REAL ESTATE FOR SALE—Westchester Co. REAL ESTATE FOR SALE—Westchester Co.

PARK HILL

Six New Houses

Eight to eleven rooms
one, two and three bathrooms
now open for your critical inspection
Prices from \$11,000 to \$17,000

Terms made to fit your convenience
We will send you photographs and plans

PARK HILL is the ideal homeplace for the New York business man

American Real Estate Company
Room No. 553 527 FIFTH AVENUE

NEW YORK REAL ESTATE FOR SALE. NEW YORK REAL ESTATE FOR SALE.

Fifteen Story Office Building FOR SALE

NOS. 395, 397 and 399 Broadway
(S. W. Cor. Walker Street)

THIS BUILDING WILL BE SOLD ON VERY FAVORABLE TERMS.

A fine opportunity for a business house that requires a few floors for its own use.

Apply to
GERALD R. BROWN,
165 Broadway, New York.
Tel.: Cortland 151.

REAL ESTATE FOR SALE—Westchester Co.

The Social Atmosphere at GEDNEY FARM

FORMERLY THE FAMOUS ARTHUR WILLETTS

is one that any business man will appreciate and that every member of his family will enjoy. The farm is reached by the Harlem Division of the New York Central to White Plains, and by the New York, Westchester & Boston to Gedney Way Station.

The Gedney Farm Hotel, one of the largest and finest in this country, will open early in October.

Write for illustrated literature.

GEDNEY FARM COMPANY
ROOM 507,
Grand Central Terminal, N. Y. City,
and White Plains, N. Y.

Kenneth Ives & Co. Hudson River, N. Y. 42

FINE DWELLINGS AT AUCTION.

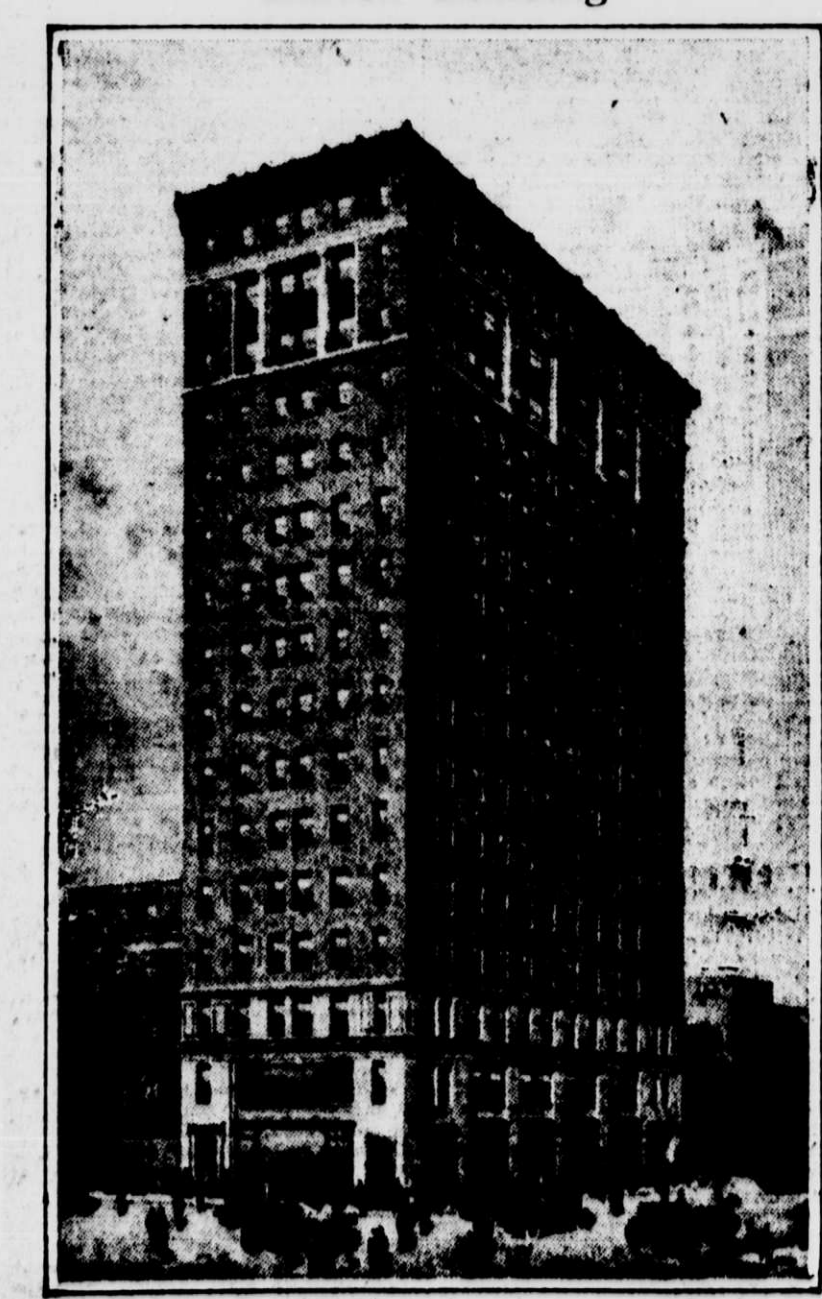
Houses in the Best Residential Sections to Go Under Hammer.

The special sales day inaugurated and conducted by Joseph P. Day for many years has become a recognized selling institution in the real estate field. It is interesting to owners, because of the opportunity it gives them to dispose of property without a big sales or advertising expense, and it is equally interesting to buyers and investors because of the variety of properties offered and the reasons which make the sales imperative.

The first fall special sales day will be held on September 13. It has been set aside for private dwellings exclusively. Buyers interested in private dwellings will find in the list of offerings houses ready for immediate occupancy. Some are offered at absolute auction, at any price the public is willing to pay; others are sales to close estates or to sell properties which the owner is unable to look after by reason of poor health or other equally imperative reasons.

Among the properties to be offered by Mr. Day are 363 West Eighty-fourth street, near Riverside Drive, a four and a half story limestone American basement dwelling, containing thirteen rooms and two baths and standing on a lot 16x102.2. For the estate of Ewen McIntyre will be offered 308 West Seventy-fourth street, adjoining the northwest corner of West End Avenue and located directly opposite Charles M. Schwab's mansion, a four and a half story brick and limestone dwelling containing twenty-two rooms and three baths, on a plot 30x26. For the estate of John J. Jenkins 1660 Madison Avenue, adjoining the northwest corner of Eighty-fourth street, a four story brick and stone dwelling containing twelve rooms and three baths, on lot 20x70; 383 West 120th street, a three story brownstone dwelling, on lot 17x100.11, and 113 Caryl Avenue, corner of Euclid Avenue, Yonkers, N. Y., a three story frame dwelling of twelve rooms and two baths, on a plot 75x118 irregular.

Burrell Building



NEW 16 STORY STRUCTURE AT MADISON AVENUE AND 31D STREET

QUEENS REAL ESTATE FOR SALE. QUEENS REAL ESTATE FOR SALE.

JAMAICA

\$6,750 UPWARD

Exquisitely beautiful Colonial Brick Houses, specially designed for people of taste and refinement.

Two blocks north of the New L. I. Railroad Station. 18 minutes and 1,000 trains a day to and from Manhattan and Brooklyn. One block from surface cars (5c fare to Manhattan or Brooklyn). Two blocks from new trolley to 59th Street, Manhattan.

Each house contains laundry, kitchen, pantry, dining room, living rooms, five bedrooms, store room and bath; steam heat, open hearths; some have two bathrooms.

Beautifully landscaped, shrubs and front and back lawns; 20-foot driveway in rear for automobiles, tradesmen, etc.

Streets, sidewalks, water, gas and electricity all in and paid for.

To obtain possession, only a small deposit required; balance in monthly payments. Less than rent.

Representative on the Premises every day.

Corner Middletown (formerly Colonial) and Shelton Avenues, Jamaica.

Realty Associates, Builders of Easy Housekeeping Houses.

Before the Subways

were extended to the Dyckman section of upper Manhattan in 1904 the assessed valuation of a plot 204x229 at the corner of Dyckman st. and St. Nicholas av. was \$5,000, while this year the assessed valuation is \$70,000. Subway history in its relation to real estate values is certain to repeat itself in the future.

Dual Rapid Transit Zone of Queens Boro

especially on the line of the Main or Central Section of the new Dual Subway system which extends along Roosevelt Avenue through Woodside, Elmhurst and Corona. The Elmhurst section of this route is ONE HALF THE DISTANCE from Herald Square as Dyckman st.

By November, 1914, electric trains will be running from Times Square in ONE HALF THE TIME that it now takes to go from Times Square to Dyckman st., and for a 5 CENT FARE.

Investment Opportunities

of equal if not greater possibilities are NOW offered in the Rapid Transit Zone of Queens Boro, which is to be provided with more, better and quicker transit facilities than extend from the heart of Manhattan to any other Borough of Greater New York.

Do not let the speculators secure all of the best sites along the line of the new Dual Subways. Act NOW.

WE HAVE PROPERTIES to offer along this main route from the Bridge Plaza, the Long Island City end of the Queensboro Bridge, to Woodside, Elmhurst and Corona.

Factory Sites, Investment Properties, Lots, Plots, Acreage, etc.

Complete details upon application.

QUEENSBORO CORPORATION

Main Office, Bridge Plaza, Long Island City, Telephone—Astoria 661.

ANNOUNCEMENT:
For the convenience of our clients we have just opened a Manhattan office at 30 West 42d st., in the Johnson Building, corner Madison av. Telephone—Murray Hill 4877.

BELLE HARBOR LOT AUCTION.

Jere Johnson Jr. Co. to Sell 223 Lots on Rockaway Coast.

Jere Johnson Jr. Company will hold another auction sale of Belle Harbor lots on Saturday, September 20. The offering includes some of the most desirable located property in this section of the Rockaway Coast and consists of 223 fully developed lots directly on Jamaica Bay and adjoining the well known Belle Harbor Yacht Club. The lots are on Beach Channel Drive, which runs along the bay front, Montauk, Denison, Suffolk, Hanley, Oxford, Norfolk-avenues and Bayside Drive.

Mr. Johnson said that every lot will be sold absolutely without reserve to the highest bidder and that the restrictions are more liberal than on any properties heretofore offered at Belle Harbor. These restrictions will permit the erection of bungalows costing not less than \$1,500 each on two lot plots and will also permit the erection of hotels or boarding houses on the bay front lots.

BARGAIN PRICE \$5,000

Small Amount Cash, Balance Monthly.

Charming Country Home

ON **CRISSENT RIDGE**

overlooking the most picturesque lake in the State. High and healthy altitude; always cool in summer; dry and protected in winter. An artistic, well-built, house with four spacious bedrooms, tiled bathroom, large living and dining rooms, a pantry and fully equipped kitchen; parquet floors and cold water; electric light, steam heat and central vacuum. All modern improvements and city conveniences. All-year-round community; three minutes' walk to school; near express station D. L. & N. Y. R. R. 41 minutes running time on train. A large garden plot, with winding driveway leading to private garage. Has only been in the hands of one owner. MUST SELL AT ONCE. Will send full particulars on request. Address: A. L. Kingsley, 8120 Broadway, New York.

NUTLEY, N. J.

New Stucco House of six rooms and tiled bath; large living room, with tapestry brick fireplace; artistic craftsman's plan; modern plumbing and steam heat; red asbestos shingle roof; situated on bluff with extensive view and fine shade trees; near station and trolley; price only \$4,500; liberal terms. **REALT COMPANY,** Woolworth Bldg., N. Y. Phone 684, Barclay.

CONNECTICUT REAL ESTATE. CONNECTICUT REAL ESTATE.

A Pointed Argument for Homeseekers

Shippan Point

Substantial and attractive houses suitable for all year round homes are being erected by purchasers of property on this bold peninsula, and it is now becoming the finest highly restricted and improved residential community on the Connecticut shore, within 35 miles of N. Y. Get illustrated booklet for reasons why and how.

Shippan Point

On the Connecticut Shore of L. I. Sound.

A few of the other extraordinary and individual features that make Shippan Point an ideal place to own a home are

1 Mile from Station. Good Roads.
50 minutes to N. Y. by train. Houses All Ready for Occupancy.
Delightful Social Life.

Kenneth Ives & Co.
7 East 42d St. Tel. 6037 Murray Hill.

LONG ISLAND REAL ESTATE FOR SALE. LONG ISLAND REAL ESTATE FOR SALE.

MANHATTAN BEACH

"Nearer than Ever"

IS TO BE OPENED TO ALL PARTS OF THE CITY VIA THE NEW MANHATTAN BEACH SERVICE, CHURCH FROM R. R. TRAINS AT ADJACENT STATION. ALL-CLASS SERVICE.

5C FARE FROM STATION TO MANHATTAN BEACH. **5C FARE** FROM STATION TO MANHATTAN BEACH.

Most Beautiful Ocean Front Residential Community in Greater New York

ALL CITY CONVENIENCES, schools, fire, police, department stores, churches, hospitals, clubs, swimming, tennis, golf, and all other amusements. For details, apply to the MANHATTAN BEACH SERVICE, 100 Broadway, N. Y. Phone 2107.

Small Country Estates

AT BEAUTIFUL **Brightwaters**

Bayshore, L. I.

Water Fronts, Bungalows, Cottages, etc. Send for map No. 4 and full particulars.

T. B. ACKERSON CO.
Developers of Choice Properties and Builders of Homes of Merit.
New York Office: 1 W. 34th St.

REAL ESTATE AT AUCTION.

An Unusually Attractive List of Private Dwellings

will be offered at Public Auction Sale

First Fall Special Sales Day
To be held at 12 o'clock noon, at the Exchange Salesroom, 14 Vesey St., N. Y. City.

In addition to other parcels, the 4-story, 13-room dwelling on a lot 16x102.2 at 385 WEST 84TH ST., near River side Drive, will be offered.

A booklet is now in preparation containing a complete list of these attractive homes.

Write for a copy 31 Nassau St., N. Y. City.

W. H. SPENCER 170 Broadway, Tel. 192 Cort.

NEW JERSEY REAL ESTATE FOR SALE.

A NUTLEY HOME.

New stucco house, with red asbestos tile roof, a beautiful country house, an opportunity for a quiet, restful vacation. 100 acres, room 1728, Woolworth Bldg., New York.

ORADELL, N. J. Seven corner lots, 120x120 feet, for sale at a low price; high level, well shaded ground, select section; 12 minutes to station and river; 30 minutes to Jersey City; 2 blocks from spacious clubhouse, churches, schools, and all other city conveniences. Address: A. S. MOHR (owner), Apalachicola, Fla.

BOARDERS WANTED.

WANTED: One or two gentleman boarders in private residence, most desirable in Flatbush, two blocks from Church av. 1 station; telephone; reference: C. box 145 Sun office.